## MEASURING RIVER POWER

Recent Scientific Work in the Eastern Part of Maine.

Summer Training for the Students of the Massachusetts Institute of Technology - Speed of Flow and Quantity of Water Reckoned.

MACHIAS, Me., July 27 .- A number of students from the Massachusetts Institute of Technology have been at work this summer determining the volume of water and rate of current of the Machins River, which flows down through Washington County-the easternmost county in the United Statesand empties into the sea not far from Eastport. In many ways the experiments illustrated some little known problems of hydraulic engineering with unusual fullness-perhaps more fully than would be the case in work undertaken for a directly practical end. The measurement of the flow of a stream is one of the most important as well as one of the most difficult tasks that the hydraulic engineer has to encounter. Not only is this work all-essential in deciding upon the sources of municipal water supply, but the effectiveness of the hundreds of plants throughout the country which depend on water as their sole or chief source of power can be guaranteed only by his skill and observation, since it is obvious that if there should not be enough water or if the water falled to move fast enoughthat is, did not have sufficient "pitch"the water wheels simply would not Or, if there is doubt or ignorance of the conditions, the full power of the stream may not be utilized, and a portion of the capital engaged will thus be employed to no purpose whatever. At the present time, especially, the value of water power has so increased since it was made possible to carry an electric current long distances, that exact knowledge of the possible power in a given "privilege" has become industrially a matter of the In solving such problems the engineer

has to consider a variety of factors-the cost and nature of a dam, the height and character of the banks, the distance of the "back water"-the length, that is, of the level mill pond which stretches from the dam back to the stream again-which in turn gives him the full amount of "flowage" or damage which will be caused by the overflow question of the general character of the amination river, as it may be called-whether it is 'good," with an even flow of water the year round, or "bad," because subject to sudden rises from spring freshets or falls from summer droughts; so that 2 water works dam or pumping sta- was no hitch anywhere. tion, he must have called into use his knowledge of topographical surveying, of climatology, of ferestry, and of me-

termination of the basic factor upon ment of the rate of flow is made by floats, or by current meters, as they are called, the first thing done in getting at the flow as a whole is to obcertain points. Marks in line-"range forty.-London Telegraph. points" or "sights"-are set up on the bank, two on each side in tandem, so that when the "fore sight" is in line with the "back sight" the observer is on the established line. The boat from which the soundings are taken is held by taking angles with a sextant to Europe. angles taken from two points on the across the river at short intervals until | wealth of your country." across the river at short intervals an a plan may be drawn which gives an irregular lower line—the bed of river—rapidly supplanting the European methods are rapidly supplanting the European methods. to 1,000 square feet and the water moves the English compartment carriage. or 66,000 cubic feet a minute.

the other, and the float is timed as it ation. two pieces floats on the surface and is pan has built her own railroads. one is submerged by weighting, so that it may come down stream at the real rate of the current uninfluenced by the

that an average cross section for the distance traveled may be esspeed of flow-is used only one cross per ho section is needed. The meter is nothing but a free screw propeller, turned by Mr. Sugiura says, will involve some great the water instead of turning it, except that it is smaller and much more deli-cately adjusted. By the use of the current meter the rate of flow may be determined at any point between the banks or at any depth. A dial attached to the meter registers the flow, but this dial must be read by checking the results obtained while it is thus able, and they will be left for the Govsecured when it is being moved in still water. That is, it must be attached to a boat which is gowed at an increasing rate of speed until it reads at the same figures as in the stream—at which mement the speed of the boat, which has been accurately determined by observations, is the same as the speed of the stream treat?

CUSTOMHOUSE OFFICIALS.

A Tip Offered on the Continent Ma Lend to Trouble.

Continental customhouse officials are apt to ruffle the temper of British ladies who travel with numerous boxes and trunks. They sometimes have a way of ransacking them and turning apple-pi order into hopeless chaos which is irritating. But in such cases a philosophic calm and a smiling countenance are the only effective remedies.

In France the porters occasionally make special claim when the trunks have been passed without being opened. promised the officer two francs if he would let you off without troubling you," said a railway employe to me one night at the Gare du Nord. "Well, you did a very foolish thing to promise money that did not belong to you," I replied, and I gave him only what he had earned. But above all things one should never offer money

to a customhouse official. A lady once came from Constantinople dutiable wares. The official came on board, looked through her handbags and passed the trunks without examining them, and hurried on deck. joy, she ran after him with a sovereign to show her sense of gratitude. The captain warned her to desist, but she would into his hand. The official looked at it and at her, and then, returning the mon ey, went back to the saloon and thoroughly overhauled the trunks. That lady had good reason to regret her impulsive gratitude before he and his superiors had

There is no country in the world where customhouse officers are more reasonable and courteous than in England. They look at the traveler, note the tone of voice in which he answers their question glance at his luggage and treat him according to their summing up, which is

generally correct. In this connection I shall never forget a cene which took place one frosty December morning at Queenborough on the arrival of the steamer. There was a French lady on board who had a bag round which one could see her thoughts were ever centred. She would clutch is convulsively, lay it down on the ground and eye it curiously, look furtively at the other passengers and then snatch it up and walk away. An observant onlooker would be tempted to conjecture that it contained

Besides a few handkerchiefs and toilet necessaries there was nothing but 40 clgars in the bag-so the owner told a Dutch lady who had shared the same cab in with her. "I am taking them to my husband, and I don't care to pay the duty, but I am in dread lest they should be dis covered." "No fear whatever," replied the other. "The customhouse officials are very liberal-minded in England. You will not be asked even to open your bag" But these assurances falled to allay the fears into the "riparian" or adjacent lands. of the Parisienne, who grew fidgety and There is always, too, the important nervous as the time drew near for the ex-

Finally the Dutch woman took pity on her fellow-traveler, and said, just as they were crossing the bridge: "Make yourself quite easy on the subject. Give me your bag. Here take mine. You shall see how smoothly everything will go." They exbefore the engineer is through with his changed begs accordingly; the officials study of a water privilege, or a site for proved to be "liberal-minded," and there

As soon as they were comfortably seat ed in a first-class carriage the French dame became profuse in her manifestations of gratitude. "Oh, pray, don't men-The institute students, however, have tion it," replied her fellow-traveler; "I know the English people well, and I was devoted their time in Machias to a de- aware there was no danger. Otherwise I should never have done what I did. which all the others rest—the flow of the river. Though the actual measure—smoking, and I have brought him over a few hundred cigars. Just look at this bag that you were carrying for me." She opened it as she spoke, and the French lady nearly swooned when she saw that she had been carrying some hundreds of tain the cross section of the river at Dutch cigars instead of her own pairry

## RAILROADS IN JAPAN.

Development in Twenty Years.

S. Sugiura, of Tokyo, Japan, is on a in position while they are made. The shops. His visit to St. Paul will complete visit of inspection to the local railway the distance from the shore, is found way centres of the United States and

points on the banks, which are at ex- Mr. Sugiura, though only thirty years actly known distances apart, or by old, is the chief engineer of the largest clean. The same is true throughout angles taken from two points on the railway system in Japan. He goes back the entire asylum. Adjacent to the shore to the boat, after which, by the shore to the boat, after which, by the roads and thoroughly converted to Amer-old geometrical formula of "given one ican methods. He said last night: "The side and two angles of a triangle to American railroads are in point of equipdetermine the other side," the boat's ment vastly superior to the European precise pozition in the stream is easily roads. Your passenger trains are superb reckoned. These soundings are made and so thoroughly typical of the great

ods first introduced on Japanese railroads water level. This is reduced to a reg- Until about six years ago almost all of ular figure of so many square feet, so the rails and locomotives on the Japaner that when it is found how fast the roads came from England; now the rails water moves it is easy to know how come from the United States. Two Amermuch water moves. For instance, if the "cross section" of a stream reduces to 1800 square feet and the water moves.

The English and German engineers, who second 1,000 cubic feet would move by, at first built all the railroads in Japan, have been replaced by native engineers. To find out how fast the water moves who were educated in the United States, two methods are used. In the first a or in the National University, where float or floats are employed. For ap- American methods are taught, and at proximate calculations a single float is present the only European cagineers en-allowed to be carried down by the gaged in Japanese railroad construction stream. Where it is narrow enough strings are stretched across and the time the float takes in passing these time the float takes in passing these total of about 4,000 miles of railways. is noted, but on large rivers and for Twenty-five per cent of his mileage has more exact work a telescope with cross been constructed within six years, and hairs in the field is placed on one bank Mr. Sugiura says that within the next and sighted at a mark or "range" on six years 1,000 miles more will be in oper

passes a vertical cross hair. Where it years ago. It was only twenty miles long, influence of the wind and waves, two built by English capital, and the material, floats are used—one attached to the and even some of the laborers, came from other. The upper and smaller of the England. Since the war with China, Jaused only as a "marker;" the larger roads are all narrow gauge, the Government flxing 3 feet 6 inches us the standard, and controlling, through the licenses issued, both passenger and freight rates.

The passenger service is divided into surface agitations which retard or acture classes. For the first class, used celerate the speed of the marker itself. only by the nobility and tourists, the rate When floats are used a number of is 2% cents per mile. The middle classes cross sections must have been figured | travel second class and pay 11/2 cents pe per mile. The service is good and the speed of the trains is gradually increased tablished, but where a current meter-the second method of determining the making an average of twenty-five miles

> Railroad building of the future in Japan engineering feats. The present lines are mountains of the interior. Mr. Sugiura said last night although his company pays an annual dividend of 10 per cent o a capitalization of \$25,000,000, the construc-tion of the connecting lines is considered able, and they will be left for the Gov-

> able, and they will be left for the Gov-ernment to build.
>
> The Japanese Government has opened a large steel works with the hope of manufacturing its own rails and engines within the next six years. Both the national universities teach engineering, and from each graduating class the Government sends about twenty students to America to complete their education and to assimilate American ideas.—St. Paul Pioneer-Press.

SCENES AT ST. ELIZABETH

Bedridden Patients Affected by the Torrid Weather.

Everything Possible Done for Their Comfort-No Cases of Insanity Traceable to the Heat-Queer Char.

suffered during the extraordinary July weather, she has been more fortunate in one respect that many of her sister So far as known, none of the cities. Capital's citizens have lost their rea son because of the heat. In other large cities all over the country men and women have become insane as a direct result of the unusually high temperature to an English port with a trunk full of At the Government Hospital for the Insane the patients have suffered, but under the circumstances they have far ed fairly well.

"Have you received any patients whose malady was due to the excessive heat?" asked a Times reporter of Dr. Richardson, the Superintendent of St. Elizabeth's, a few days ago,

"No; I cannot say that we have," answered the superintendent. "Numerous cases here have been aggravated from that cause, but none that we can say with certainty is directly due to Our bedridden patients have suffered the most. We have two hundred of these, and Juring the very hot nights we have had such of them as could be moved out on the verandas that surround their buildings. By the way, would you like to go through the wards I these patients?"

The reporter assenting, he was en trusted to the care of a messenger, a young soldier from the Philippines and himself a patient, who took the reporter across the grounds to where the buildings containing the sick wards are situated. Here the reporter was some what unceremoniously introduced to the doctor in charge by the patientmessenger and was taken by the former through the hall of his neatly furnished residence, out on a veranda which ran around the building.

The doctor evidently took a pardona ble pride in the grounds on which this veranda faced, and which, as he explained, he had himself planned. Arbors, summer houses (for the most part the work of patients), trees, vines, flower beds, and bushes were arranged in most attractive fashion. From this scene of cheerfulness and beauty it was sad to turn into one of the wards where the wretched sufferers drag out their existence, surrounded, it is true, with all the comfort and attention that trained skill can render.

Most, if not all, the inmates of these sick wards are aged veterans of the civil war. Here they lie in long rows, some of them mere skeletons, and many so feeble that it is a marvel how the vital spark exists at all. One man, his features as sharply accentuated as those of a corpse, lay beneath a mosquito netting, in a semi-comatose condition, in which he had been for several

days as a result of the heat. "We have had twelve cases of pros tration in these wards and two deaths as a result of the hot weather so far," said the doctor.

The patients in the surgical wards present, perhaps, the saddest spectacle, It was a strange contrast here to see a young female nurse, the picture of blooming health and beauty, with rich brown hair and eyes, and a rosy complexion, bending over a veritable living skeleton. Passing along one of the nected by a narrow isthmus, so that it porches one noticed the beds upon has something the appearance of a dumbwhich the two patients had recently

which there are four, divided according to the nature of the disease treated in each, is well ordered and scrupulously the entire asylum. Adjacent to the buildings containing the sick wards is the "Relief Building," so designated, the doctor explained, because its erection was such a relief to the crowded patients. It is a large structure, containing seven or eight wards, divided according to the class of patients in

There is a notable variety of the forms of insanity to be seen among the inmates of this building. There are two specially constructed rooms for vio lent cases, happily unoccupied at present. The windows and doors of these rooms are strongly barricaded and the only piece of furniture in each is a strong, low iron bedstead. It is carefully seen to that there are no projections upon which the occupant could hang himself, or any other means by which he could do damage to himself or oth-

tients to go out in the grounds and, wherever possible, to give them some occupation. The inmates sometimes develop extraordinary lines of industry on their own account. The reporter was shown the room of a man who occupied himself in constructing a varie ty of devices out of the pits of prunes, plums, and other fruit. This small apartment was a veritable curiosity shop, littered, as it was, with knickknacks of the most extraordinary de scription. Boxes with glass fronts, conprune stones, adorned with figures made of paper or tow; baskets of fruit pits of the most complex designs, requiring great ingenuity in their construction, doubtless, but fit for no practical pur

pose, were among the articles. A man approached the visitor in one of the corridors and held before the latter's eyes a newspaper neatly folded so as to disclose a certain picture "That's mile, and the third-class rate is % cents a very pretty picture of the President and his wife," said the doctor, and the man departed apparently thoroughly

satisfied. "Hullo, why aren't you boys outside enjoying the fresh air?" enquired the doctor in a general way of a group in one of the passageways. A very neat ly attired individual, with a very exaltd manner, took upon himself the office of spokesman.

"We were just about to: we were just about to, but-ah-my hat, you know-I could not depart without my

"This is Sir Thomas Purcell," said the doctor, in an introductory way, and age. When asked if he had ever met the visitor before, "Sir Thomas," or, as he corrected the doctor, the "Honorable Thomas," paused a moment—"Y'es, y'es—ah—Minister to Spain, I the visitor bowed in such manner as

believe-or Portugal-ah-you have been to Spain?" The visitor assured him that he had

lived there. "Y'es," continued the poor fellow, in his affected, old-country drawl, "in travel I have visited Holland, and Aus-

tria, and Italy, and-and-the question of-of-the weather-and finances-have affected the country-ah-yesterday-Monday-and the day before Sunday-have been very busy daysfraught with great gravity. Ah. you will excuse me while I get my hat. Ah, my kind regards," with a bow as he departed.

"He imagines himself and everyone around him very important dignitaries," said the doctor. "He is an Irishman, and was brought here from Providence, R. L., a raving maniae. Gradually the acute stage of his affliction gave place to the harmless delusions that now possess his brain, Soon after we received him letters reached us from Providence, written by a young lady, who stated she was engaged to marry him. Afterward, when he had recovered from the violent phase of his maiady, she came on herself and saw him. Poor girl! He greeted her with great some such personage-absolutely had no recollection of her, and she went

away quite broken-hearted." By this time the "Honorable Thomas had returned with his hat-an antiquated "stovepipe" of huge dimensions under his arm, and took his leave with

that he regards the English language, as usually spoken, inadequate to expressing his ideas. The words which nonsense, in which he uses them, are striking. Thus he alluded in a matterof-fact way to a "swathe on his shy bone," and a "lummocks on his brain," though there really appeared nothing the matter with him, for he was as hale and hearty-looking an old fellow as one under which he labors, though he himself is convinced that the error is all on the other side, is that a gentleman of the name of Thomas Mulligan is not

"Tom's not dead," he says with knowing shake of the head and a short

deed, Tom's not dead." These are only a few of the many strange characters which people see at St. Elizabeth's.

PEARL FISHING IN VENEZUELA. Remarkable Revival of the Industry Of Margarita Island.

When the Spaniards landed on the shores of Margarita Island, off the north const of Venezuela, four centuries ago, they found the necks of the natives adorned with strings of pearls. They los no time in securing possession of these valuable ornaments at little expense to themselves, for the native pearl marke was well stocked and prices were low. Margarita was one of the islands dis-covered by Columbus in his journey of covered by Columbus in his journey of 1498. The Spanlards were very eager, of course, to discover the place of origin of the pearls and only a year later a man named Guerra found the pearl ba the south coast; it was not long before other banks were discovered around the

This new source of pearls was a magnet that drew many adventurers to the is-iand. The neighborhood of Margarita became one of the busiest regions of the Spanish main. Margarita is quite a large island, though smaller than Trinidad, Its extremities, the larger part of it, are conbell. For centuries the fishing grounds of while the pearls fell in value, so that fishing was not profitable

The past few months have witnessed wonderful revival of the industry. Pearls have advanced in price owing to the fact that the supply from larger grounds has orth coast of Australia, for example, have been yielding comparatively few pearls, and the industry is carried on there not so much for the gems as for known in the trade. Times have been very dull in Margarita for many years, but there is now extraordinary activity in the island. Huvers from different parts of the world have gone to Margarita to live on that sandy and not particularly nviting island. Their business, of course is to purchase from the native fishermen gems they wrest from the shallow

depths around the island. There are no such lively scenes on the Grand Banks among the cod fleet as are witnessed today in the waters over the shores of Margarita. About 2,000 natives and 400 sailing vessels are engaged in the industry. The long-neglected beds have had time for recuperation, and the gems fetch a good price in the Paris and other markets; so this is a harvest time for the natives, who are improving each shin-ing hour. The Venezuelan Government, always alert to discover a new source of tage from the industry by taxing all the from three to fifteen tons in size, and the whole fleet is on the grounds during most

of the daylight hours, Back and forth the vessels sail over the syster beds dragging big iron scoops which are soo: filled with mud and ov sters. They are then brought to the surscription. Hoxes with glass fronts, con-taining miniature grottees made of prune stones, adorned with figures made wasteful method of fishing for pearls. The great objection to it is that it tears the small as well as the large oyaters from the beds, though the small shells should be left undisturbed to grow and ncrease in value. A French company has just begun fishing with divers and diving apparatus, which is the preferable method. The Venezuelan Government taxes only the boats of the native fishermen, but the foreigners must pay a royalty of 10 per cent on the profits of their enter-

The results thus far this season justify opinion that the value of the output this year will be about \$600,000. It would be much increased if the shell of the oyster were more valuable, but it is found to be too thin for the manufacture of buttons and other articles, such as are made from the shelf of the Queensland and Bahrein Islands fisheries. ness of the shell is said to be due to the short life of the Margaritan oyster, which s not usually more than eight years. The pearls, however, are of fine quality and beautiful lustre. Most of them are white to yellow in color and sometimes an almost priceless black gem is brought to the surface. In May last a large white pearl was sold in Murgarita for \$1,700. CONGRESS OF PSYCHOLOGY.

The Fifth International Gathering to Be Held in Rome.

Its Object the Investigation of Phenomena Not Included in the Renn lar Departments of Science -What Has Been Accomplished. It has been decided that the Fifth In

ternational Congress of Psychology shall be held at Rome in 1994, under the direc-tion of Prof. Sergi. It is interesting to note in this connection that the significance of the remark which Shakespeare gave to Hamlet centuries ago, "There are more things in heaven and earth, Horatio than are dreamt of in your philosophy," s only in the present day being recog The object of the psychical research so-

cieties organized in Europe and this country is generally stated to be the study of phenomena not included in the observaion and experiment of the regular departments of science. The Society for Psychical Research,

ounded in England in 1882, had for president last year Frederick W. H. Myers, and the list of vice presidents included ceremony as the Queen of England, or A. J. Balfour, Sir William Crookes, Lord Rayleigh, Prot. James, of Harvard University; Prof. S. P. Langley, of the what led up to i Smithsonian Institution, and Prof. J. H. most interesting. Hyslop, of Columbia University. The number of members in 1900 was as fol-lows: Five honorary members, 25 corresponding members, 30 honorary associ-ates, and 862 members and associates.

A stout, hearty-looking old man in his shirtsleeves was addressed as "King of Masons," One of the most re"King of Masons," One of the fact the fa There is an American branch with 463

"The investigation of things which sug-gest the 'uncanny' or 'supernatural' by cientific methods is a cor nparative novelty," sald a distinguished scientist in he employs and the sense, or rather the this city. "Of course, I do not mean to say," he continued, "that some great minds in the past have not given attention to the subject, but they reached mere speculation. It is by modern methods of research which record, compare, and clas-sify various observations and unify the labors of many into concrete masses of vidence and data that we may hope to would care to see. Another delusion obtain any real knowledge of so-called supernatural phenomena.
"The two standpoints adopted by the

masses in the consideration of such phe-nomena are those of exaggerated creduitty and increduitty, both showing

"Many persons will say to you that they laugh of superior knowledge. "No, in- do not believe that such or such an occurrence is possible, and if you ask them why they think so they simply reply, 'Well, because,' like a little girl of tender years and undeveloped mentality. Others place their faith too readily in reported supernatural occurrences or in the mis-tal en evidence of their own senses, which latter are very easily imposed upon.

> cate one, upon which we have comparatively little authentic data. Nevertheless we know that much of that species of belief that has been attributed by wonderfully 'enlightened' persons to superstition has very good ground.
> "Take the recent investigations of Prof.

> W. F. Rarrett on the subject of the divining rod, for instance. The present state of knowledge concerning the divining rod is summed up by Prof. Barrett as follows:

" For some centuries past certain individuals, locally known as dowsers, have declared that they can discover the pres-ence of underground water, mineral lodes, coal, building stone, or other buried objects which may be sought for by the apparently spontaneous motion of the socalled divining rod. When their pretenby no meuns uniformly in their favor, has been so remarkable that chance coincidence appears a wholly inadequate explanation. Any explanation based upon trickery or unconscious hints from bystanders, or the detection of faint sur face indications of the concealed object, or other known cause is insufficient to died, placed here to be repainted, as is the custom in such cases.

Everything in the sick wards, of number of individuals, and arises from a sub-conscious and involuntary suggestio impressed on the mind of the dowser.

'Accompanying the involuntary and which causes the motion of the forked twig or rod many dowsers experience peculiar malaise, and some a violent con ulsive spaam. This is a psycho-physiological effect, akin to emotion. over, the state of mono-ideism of the dowser creates a condition of partial catalepsy, when some suggestion causes the to culminate. This sub-com suggestion may arise from a variety of causes; sometimes it is merely an auto derived through the senses from the en vironment, but in a certain number those who exhibit motor-automatism the

revenue, is deriving considerable advan-

In other words, that there exists in ev ery human being a mentality separate from the practical working brain, with which it is, nevertheless, capable of connection under certain circumstances. The person who can compel-by the will of the ordinary mind, of course—the work-ings of the sub-conscious mind, which is capable of transcending the limitations of invisible or beyond the cognizance of the

ordinary mind. The exact nature of this form of perception or cognizance, or by what means it is effected, the medium himself is unable to explain, attributing it in general, however, to the hypothesis that he is, for the time, under the control of the spirit of some departed person.

The operations of the sub-conscious mind, in mediums as well as in ordinary persons, are, therefore, held to be inde pendent of the working mind, or else the former mentality is normally in abey-ance. Whether the mediums or scientists be right in their respective conjectures. of all forms of psychic phenomena have, especially of late, been so striking and extraordinary as to compel the attention and investigation of the scientific world.

Cruel. (From the New York Weekly.) Great Editor—That new society reporter won'to. He has not mastered the first principles of nodern journalism.

Manager—Eh? What's the matter?

Great Editor—He says "handsomely of "smartly gowned."

THEIR MAIDEN SPEECHES.

Disraell's, Gladstone's, and Parnell's First Efforts in Parliament.

One night early in 1833 (the year after he had failed in his contest as a Radical for the borough of High Wycombe) Ben jamin Disraeli, sitting in the Strangers Gallery of the House of Commons, listen-ed to the debate on the address in which Lord John Russell, Macaulay, Stanley. Eulwer, and other leading members of the House took part. Next day he wrote to his sister: "Was at the House of Commons yesterday during the whole of the debate—one of the finest we have had for years. Macaulay was admirable, but, be-tween ourselves, I could floor them all. This entre nous. I was never more confident of anything than that I could carry everything before me in that House. The time will come."

The time did come four years later, when on December 7, 1877, Disraell, having been returned as a Tory, stood up in the House of Commons, to make his maiden speech. The story of that historic finsco has never been fully told. What is generally known is that Disraell was interrupted by bursts of ironical laughter almost from the beginning of his speech, and that at length, utterly unable to catch the ear of the House, he concluded by shouting at the utmost pitch of his voice the famous phrase: "Though I sit down now, the time will come when you will hear me." But the whole episode what led up to it, and what followed is

The subject of the debate was a motion by Mr. Smith O'Brien for a select committee to enquire into the alleged practice of vexatious petitioning against Irish members elected in the popu Daniel O'Connell supported the motion, and it had been arranged that Sir Robert Peel should reply, but the strongly expressed wish of Disraell that the by many members of his party, induced the Tory leader to give way to his ardent

young recruit.

There had been an absurd, though very bitter quarrel, between O'Connell and Dis raeli. O'Connell was one of Disraeli's sponsors when he carried the Radical flag on the hustings at lilgh Wycombe in 1832. Three years later Disraell, having turned Tory, attacked the Melbourne Administra for, which was retained in power by the lrish party, for having clasped, as he put it, "the bloody hand of O'Connell." O'Connell retorted in a speech of savage vitu-peration in which he declared that Disraell's life was a "living lie," and that he was a "descendant of the impenitent thief on the cross." Disraell challenged O'Con-nell, but the Irishman, after killing D'Esnell, but the Irishman, after killing D'Esterre in 1815, had made a vow against dueling, and always wore a black kid glove on his right hand as a token of his lifelong repentance for having shed another man's blood. "Then," wrote Distractly his use of grotesque enlargement that makes the fate of Mark Twain over here.

less amiable fault of over-confident flu-ency to the young member's irritating sharp line. Where they would appreciate ency, to the young member's irritating self-assurance of manner, inspired, obvi-ously, by the conviction that he was self-assurance of manner, inspired, obviously, by the conviction that he was about to leap into Parliamentary fame at a single bound. This, with his foppish attire, his affected geatures, and the books dealing with American life, the residence of his residence of his residence of his residence of his residence. attire, his affected gestures, and the knowledge of his rapid change of political opinions, caused the British Radicals and the Irish Repeaters, both led by the that "A Yankee at the Court of King Arlusty lungs of G'Conneil, to indulge in thur" had ruined some of the most beau-roars of ironical laughter and other disoncerting cries.

Macaulay, writing to a friend in Paris, a few days later, said, "Speaking of the House, Disraeli nearly killed it on Thurs- ure in Sir Thomas Malory, Sir Walter day night. You have, of course, seen his speech in 'Gallgnani.' Can you conceive the impudence of the Attorney General not knowing him personally and going up to him in the lobby and saying, 'A very pleasant speech of yours, Mr. Disraeli. Will you be kind enough to tell me what Lord John held beside the keys of St. Ic said that it was impossible to be funny pater.'

The acceptance of the Attorney General evidence with historical or pseudo-historical fiction, said that all young English boys read "Innocents Abroad" and thereby lost the best pleasures of travel. An English critical fiction, said that all young English boys read "Innocents Abroad" and thereby lost the best pleasures of travel. An English critical fiction, said that all young English boys read "Innocents Abroad" and thereby lost the best pleasures of travel. An English critical fiction, said that all young English boys read "Innocents Abroad" and thereby lost the best pleasures of travel. An English critical fiction, said that all young English boys read "Innocents Abroad" and thereby lost the best pleasant spech of yours, Mr. Disraeli.

speaker in the arena in which he was for residence must vary with the individual so long a period the most eloquent and experience, but only succeeded in drawing predominant personality, was obscure and from him a confident assertion that there disappointing. He took his sent as a was something innately ridiculous in the member for Newark on January 29, 1833, new and something holy in the old. After the opening day of the first session of a long debate leading newhere, I was rethe first Parliament elected under the Reminded of the Englishman who said:

"French is such a silly language. For

Three weeks later, on February 21, he made his maiden speech. A petition sign-ed by 3,000 Whigs of Liverpeol was pre-pain bread." sented alleging bribery and corruptions The Englishman reflected. "I suppose it against the Tory representatives of the is," he said finally, "but then it is bread, town, and in the discussion which follow- you know." ed Gladstone interposed on behalf of the cleatoral honor of his native place. This conservatism, however, or electoral honor of his native place.

important speech, and although I cannot there who exhibit motor-automatism their defect of nerves." Certainly he was those who exhibit motor-automatism the suggestion appears to be due to some kind of transcendental perceptive power. Such persons appear only able to exercise this such conscious appear only able to exercise the base of transcendental faculty when their normal self-consciousness is more or less in ab-y-ance, or when it is completely submerged, as in profound hypnosis. This sub-conscious, perceptive power, commonly called clairvoyance, may provisionally be taken as the explanation of those such as the explanation of the subject of psychic phenomena, or rather that his such conscious minds of "medium" and "sitter."

The main point at issue on the subject of psychic phenomena, or rather that be the subject of psychic phenomena, or rather that be the subject of psychic phenomena, or rather that be the subject of psychic phenomena, or rather that be the subject of psychic phenomena, or rather that be the subject of psychic phenomena, or rather that be the subject of psychic phenomena, or rather that be the subject of psychic phenomena, or rather that be the subject of psychic phenomena, or rather that be the subject of psychic phenomena, or rather that the subject of psy

cest of what they may afterward accomplish for their country."

The most successful maiden speech of recent times was that of Sir William Harcourt. He was forty-one years old when he took his seat as member for Oxford on February 16, 1893, and just a week later addressed the House for the first time. The subject was happily one in which he was well versed. Viscount Bury asked for leave to introduce a measure entitled the Vacuting of Seats bill, to refeal the statute of Queen Anne which makes it necessary for members of the House to seek re-election on accepting office in the Government, on the ground that it served no useful purpose. Mr. Vernon Harcourt (as he was then called) protested against leave being given even to bring in such a bill. The speech, which occupies six columns in "finnsard" and was loudiy applauded throughout, induced Viscount Bury to withdraw his motion.

Nervousness is not commonly recognized as an Irish failing, but at least three celebrated Irishmen have in this century owned its mastery when up for the first time before the House of Commons. On

ed as an Irish failing, but at least three celebrated Irishmen have in this century owned its mastery when up for the first time before the House of Commons. On April 25, 1875, when a Coercion bill for Ireland was in committee, Parnell rose to deliver his first speech. He was obviously and painfully nervous, and could only stammer out a few barely intelligible sentences about Ireland not being a geographical fragment.

Eighty years or so ago a distinguished Irish member named Dogherty, who subsequently became Chef Justice of Ireland, asked Canning what he thought of his maiden speech. "The only fault I can find with it." said Canning, "is that you called the Speaker sir too often. "My dear friend." said Dogherty. "If you knew the mental state I was in while speaking, you would not wonder if I had called him ma'am." Whiteside, another Irish member, who also became Chief Justice of Ireland, used to relate that when during his maiden speech he saw the Speaker's wig surrounded by blue flames he knew it was time to sit down.—Macmillan's Magazine.

ENGLAND'S SLOW HUMOR.

The Masses in Great Britain Seldom Go Beyond Puns.

ated in London-Catchwords Popular-Educated Classes Tak. ing to American Vaudeville Wit.

ent authority than Mark Twain, who remarked a few months ago in conversa-tion that he believed the English had fully as much sense of humor as his own countrymen. This is probably true of the educated classes, though there is, somewhat more doubt about the man in the street. At any rate, the ideas of humor to be found on the two sides of the ocean are decidedly different, and an American going about here and reciting what he imagines to be jokes will frequently be

imagines to be jokes will frequently be met with the comment "really."

One thing that is diminishing the dissimilarity in the topic of humor is the constant interchange of music-hall jokes. Most of the funny stories or jests which become popular in either country are picked up by the vaudeville hum vist, and picked up by the vaudeville hum vist, and there is a constant passage of jokes through this channel between the two through this channel between the two countries. Differences still exist, as in the greater popularity of the pun in London. One of the stories that is going about just now deals with the revival of "Coriolanue," which was not a great success. During one of the later rehearsals a consultation was held on the stage between Sir Henry Irving. Sir Alexander Mackenzie, who wrote the music, and Sir Lawrence Alma Tadema, who designed the scenery.

the scenery.
"Thre blooming knights," remarked a

"Yes," replied another, "and that's about as long as the piece will run."

The most popular form of humor for the moment is also one species of plays on words, though the punning questions and answers are perhaps less in vogue than they were some months are. Possithan they were some months ago. Possi-bly your readers will be able to stand

"Who taught Water Loo?" "The same man that faught London

What did Anthony Hope?"

"To Quisante."

English humor deals less with exaggeration than ours does. Speaking of the most popular music-hall comedian in England, a leading actor-manager gave by, the floor between.

Disracil's failure on this occasion was one of them put it; the most considerable not due to nerveus timidity, but to the literary man of our day in America as

part of Mr. Clemens' work.
One of the cleverest novelists here said be hard to imagine an American failing Scott or Tennyson spoiled by reading it. Peter?" The red cap of liberty, sir.' in talking about a ruin. I asked him if During the performance, Peel quite screamed with laughter." well-bullt, high building, and tried to Gladstone's first appearance as a make him take the view that feelings of

instance, you call bread, pain."
"Yes," replied the Frenchman, "but to

The Englishman reflected. "I suppose it

This conservatism, however, ought not "Every great grater from Demosthenes slop might easily be conveyed. to Burke," Gladstone once said, "has suf-fered from nervousness on the eve of an with certain legends or certain ruins might seem only sacrilege, the air is full claim to share their gift of golden speech, of stories which take a light view of the l can claim more than a fair share of divinity that doth hedge a king. After I can claim more than a fair share of their defect of nerves." Certainly he was extremely nervous on this occasion, as his indistinctness of utterance and hesi-heaven, asked if she would have to go

> find several writers of very f mor in England for one in America. Doubtless when America has more literature, a large part of it will be humorous to fit the genius of the people. But that time has not come yet. Even the differ-ence between the two countries in afterdinner speaking could easily be overstat-ed. Doubtless there are more men in America who could make ge to find in America any better post-pran-dial speakers than Zangwill, Anthon Hope, and various others. Englishm seldom tell stories of any length. that may affect their stump speaking is another question, but certainly humor at a dinner table is better when it does not take the form of a narrative. The notion however, that one of our trans-Atlantio characteristics is the power to make witty speeches on the slightest provocation is widespread here, and is very likely

complishment in various embarrassing predicaments.-Boston Transcript.

to put the American who lacks

(From the Boston Herald.) (From the Boston Herald.)

He was a horrid doctor, anyway, and no gentleman, or he would not have been so cruel to the fair young girl who sought his aid. But even doctors are human and like to joke.

"Doctor," she said, "I am afraid this climate is too severe for me. I have such great trouble breathing with my lungs."

"You would have a great deal more trouble breathing without them," replied the cruel man, with a loud, hourse laugh.

The maiden shrunk from such a wicked man and fied as though pursued by a mouse.